

Bhavan's Tripura Vidyamandir2nd Terminal Examination : (2024-25)**Class: - 11**

Time: -3 Hours

Subject: - Economics

Total: -80 Marks

Name of the student:

Roll Sec

A. Multiple choice questions-**1X10=10**

1. Which of the following is an inferior good?
a) Vegetables b) Sugar c) Food items d) Water
2. Which of the following is concave to its origin?
a) Budget Line b) PPC c) Indifference curve d) Demand curve
3. If due to fall in the price of good A, demand for good B increases, the two goods are _____.
a) Substitutes b) Complements c) not related d) Competitive
4. The root cause of the economic problem is _____.
a) Unlimited b) Free c) Restricted d) Scarcity
5. What happens to Marginal product when Total product is at its maximum?
a) MP becomes Zero b) MP becomes negative c) MP declines d) MP remains same
6. What causes an upward movement along same demand curve?
a) Rise in price of a good b) Fall in price of a good
c) Change in Income d) Change in size of household
7. Production Possibility Curve will shift to the left when there is _____.
a) Growth of resources b) Loss of resources due to flood
c) Technological Improvement d) Over-utilization of resource
8. TFC + TVC = _____.
a) Total cost b) Average cost c) Total revenue d) Average revenue
9. Which of the following is Perfectly elastic demand ?
a) $ed = 1$ b) $ed = \text{Infinity}$ c) $ed = 0$ d) $ed > 1$
10. The shape of indifference curve is _____ to its origin.
a) Directly b) concave c) convex d) linear

B. Answer the following Questions in 60 - 80 words**3X2 = 6**

11. How elastic demand is different from inelastic demand?

OR

Explain the central problem What to produce with example.

12. Distinguish between increase in supply and expansion of supply.

C. Answer the following in 80-100 words:**4X3=12**

13. Write main features of Perfect competitive market.

14. Explain the relationship between Average cost and Marginal cost with the help of diagram.

OR

Explain the relationship between Total utility and Marginal utility with the help of diagram.

15. Find AFC and AVC of the following-

Unit of Output	0	1	2
Total cost	60	90	130

D. Draw the following diagram--**2X6=12**

16. a) TC, TVC and TFC b) Decrease in demand

17. **Find the following -**

a) A consumer buys 60 units of a commodity at Rupees 12 per units. At what price a consumer will purchase 120 units, if the price elasticity of demand is 1?
b) The price of a commodity changes by 18 %, as a result quantity supplied changes from 70 units to 120 units. What will be the price elasticity of supply?

or

Graphically explain the market equilibrium.

Statistics (Part B)

E. Multiple Choice Questions -

1X10=10

18. Median can be derived graphically with the help of _____.
a) Histogram b) Ogive c) Bar- diagram d) Frequency Polygon

19. Arun is an owner in a Company. He is a _____.
a) Service holder b) Service provider c) Producer d) Consumer+

20. Statistics in Singular sense means —
a) Statistical methods b) Inductive method
c) Statistical data d) Deductive methods

21. Which agency provides data of the composition of population in India?
a) WHO b) CSO c) Census d) ILO

22. The Last Census of India was conducted in the year _____.
a) 1981 b) 1881 c) 2011 d) 1950

23. _____ is the person who provides goods and services.
a) Consumer b) Producer c) Service provider d) Service holder

24. According to Alfred Marshall 'Economics, is the science of _____.
a) Welfare b) Wealth c) Scarcity d) Mankind

25. What is the range of co-relation co-efficient?
a) $-1 > r > 1$ b) $1 < r > 1$ c) $1 < r < 1$ d) $-1 < r < 1$

26. Which of the following is the formula of Mode?
a) $2 \text{ Median} - 3 \text{ Mean}$ b) $3 \text{ Median} - 2 \text{ Mean}$
c) Mean plus median d) 3Mean plus median

27. Average value of the upper and lower limits is _____.
a) Class interval b) Class c) Mid value d) Class limit

F. Answer the following questions in 60-80 words -

3X2=6

28. Define Index numbers. Write its two limitations.

OR

What are the main parts of a statistical table?

29. Define statistics in plural sense. Write two features.

OR

Write the meaning of – a) Raw data b) Frequency c) Class Interval

G. Answer to the following in details-

4X3=12

30. Write two merits and two demerits of mean.

31. What do you mean by random sampling and stratified sampling?

32. Draw the following -

More than and less than O give of the following –

Class Interval	0 – 10	10 - 20	20 – 30	30- 40	40 – 50
Frequency	4	8	12	6	5

H. Answer the following according to questions-

6X2=12

33. Find Mean by Step deviation method-

Class Interval	20 – 40	40 – 60	60- 80	80 – 100	100 – 120
Frequency	7	9	13	15	5

34. Find Mode of the following –

Class Interval	0 – 100	100- 150	150- 200	200- 250	250- 300
Frequency	9	15	33	13	7

OR

Calculate co-efficient of Correlation by Rank correlation method;

X	21	22	28	32	35	36
Y	18	20	25	30	31	32

